



## 1. Identification of the Substance/Preparation and of the Company/Undertaking

**Product identifier**

Product name

### Metal Deactivator Neat Oil

**Other means of identification**

**Recommended use of the chemical and restrictions on use**

Material Uses

Additive.

Uses advised against

Verify Applications

**Details of the supplier of the safety data sheet**

**Manufacturer**

Hangsterfer's Laboratories, Inc., 175 Ogden Road, Mantua, NJ 08051; Phone 856-468-0216, Fax 856-468-0200, Website: www.hangsterfers.com

**Emergency telephone number**

Emergency telephone number

Chemtrec 1-800-424-9300 in US

Canutec 1-613-996-6666 in Canada

For international assistance, dial Chemtrec US number 1-703-527-3887

## 2. Hazards Identification

Prepared according to OSHA Hazard Communication Standard (29 CFR 1910.1200) and ANSI MSDS Standard (Z400.1). Complies with Canadian Workplace Hazardous Materials Information System (WHMIS) standards.

**Classification**

Acute toxicity - Oral	Category 4
Acute toxicity - Dermal	Category 4

**Label Elements**

### EMERGENCY OVERVIEW

**WARNING**

**Hazard statements**

HARMFUL IF SWALLOWED

Harmful in contact with skin



**Appearance** Greenish-yellow to brown.

**Physical state** Liquid

**Odor** Bland.

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling

Do not eat, drink or smoke when using this product

Wear protective gloves/protective clothing/eye protection/face protection

**Precautionary Statements - Response**

Specific measures (see .? on this label)

IF ON SKIN: Wash with plenty of soap and water

Call a POISON CENTER or doctor/physician if you feel unwell

Wash contaminated clothing before reuse

IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

Rinse mouth

#### **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

#### **Hazards not otherwise classified (HNOC)**

#### **Other Information**

• No additional remarks

### **3. Composition/information on Ingredients**

#### **Chemical Family**

Straight Oil Type.

### **4. First aid measures**

#### **First aid measures**

##### **Eye contact**

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a physician if necessary.

##### **Skin contact**

Wash skin with soap and water. Consult a physician if necessary.

##### **Inhalation**

Remove to fresh air. Consult a physician if necessary.

##### **Ingestion**

Do NOT induce vomiting. Drink plenty of water. Consult a physician if necessary.

#### **Most important symptoms and effects, both acute and delayed**

##### **Symptoms**

No information available.

#### **Indication of any immediate medical attention and special treatment needed**

##### **Notes to Physician**

Treat symptomatically.

### **5. Fire-fighting measures**

#### **Suitable extinguishing media**

Water spray or fog is preferred; if water not available use dry chemical, CO2 or regular foam.

**Unsuitable extinguishing media** Do not use a solid water stream as it may scatter and spread fire.

#### **Specific hazards arising from the chemical**

May be ignited by heat, sparks or flames. Keep product and empty container away from heat and sources of ignition.

**Hazardous combustion products** Carbon oxides.

#### **Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

### **6. Accidental release measures**

#### **Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Avoid contact with skin and eyes. Wear boots, gloves and protective suit when handling large spills. Ensure adequate ventilation.

**Other Information** Report spills as required to the appropriate authorities.

#### Environmental precautions

**Environmental precautions** No information available.

#### Methods and material for containment and cleaning up

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Take all appropriate steps to avoid contamination of ground water.

## 7. Handling and Storage

#### Precautions for safe handling

**Handling** Avoid contact with skin and eyes. Keep container in a well-ventilated place. Do not puncture, crush or incinerate containers.

#### Conditions for safe storage, including any incompatibilities

**Storage** Keep container tightly closed in a dry and well-ventilated place. Keep away from direct sunlight. Keep away from heat and sources of ignition.

**Incompatible materials** Acids and oxidizing agents.

## 8. Exposure Controls/Personal Protection

#### Control parameters

**Exposure guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

#### Appropriate engineering controls

**Engineering controls** Ensure adequate ventilation, especially in confined areas.

#### Individual protection measures, such as personal protective equipment

**Eye/face protection** Safety glasses with side-shields.

**Skin and Body Protection** Use protective gloves and clothing if contact with product is likely.

**Respiratory protection** If personal exposure levels cannot be maintained below accepted exposure limits, NIOSH/MSHA approved respiratory protection should be worn.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

## 9. Physical and Chemical Properties

#### Information on basic physical and chemical properties

<b>Physical state</b>	Liquid	<b>Odor</b>	Bland.
<b>Appearance</b>	Greenish-yellow to brown.	<b>Odor threshold</b>	No information available
<b>Color</b>	Greenish-yellow to brown.		

<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>
pH	Not applicable	

<b>Melting point / freezing point</b>	-	May begin to solidify at -10 °C / 14 °F
<b>Boiling point</b>	271 °C / 520 °F	
<b>Flash point</b>	125 °C / 257 °F	Cleveland Open Cup
<b>Evaporation rate</b>	No information available	
<b>Flammability (solid, gas)</b>	No information available	
<b>Flammability Limit in Air</b>		
<b>Upper flammability limit</b>	No unusual hazard	
<b>Lower flammability limit</b>	No unusual hazard	
<b>Vapor pressure</b>	No information available	
<b>Vapor density</b>	No information available	
<b>Specific gravity</b>	0.94	
<b>Water solubility</b>	Not applicable	
<b>Solubility in other solvents</b>	No information available	
<b>Partition coefficient</b>	No information available	
<b>Autoignition temperature</b>	No unusual hazard	
<b>Decomposition temperature</b>	No unusual hazard	
<b>Kinematic viscosity</b>		
<b>Dynamic viscosity</b>	No information available	
<b>VOC Content, % Vol</b>	Request additional information	

## 10. Stability and Reactivity

### Reactivity

No unusual hazard

### Chemical stability

Stable under normal conditions.

### Possibility of hazardous reactions

None under normal use conditions.

**Hazardous polymerization**      Hazardous polymerization does not occur.

### Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition.

### Incompatible materials

Acids and oxidizing agents.

### Hazardous decomposition products

Carbon oxides.

## 11. Toxicological Information

### Information on likely routes of exposure

#### Product Information

<b>Inhalation</b>	No unusual hazard.
<b>Eye contact</b>	No unusual hazard.
<b>Skin contact</b>	Avoid contact with skin.
<b>Ingestion</b>	May be harmful if swallowed.

### Information on toxicological effects

**Symptoms**      No information available.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

**Skin corrosion/irritation**      No information available.  
**Serious eye damage/eye irritation**      Non-irritating.

<b>Sensitization</b>	No information available.
<b>Mutagenic Effects</b>	No known effect.
<b>Carcinogenicity</b>	No known effect.
<b>Reproductive effects</b>	No known effect.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Chronic toxicity</b>	No known effect.
<b>Aspiration Hazard</b>	No unusual hazard.

**Numerical measures of toxicity - Product Information**

<b>Oral LD50</b>	> 3300 mg/kg (rat)
<b>Dermal LD50</b>	> 1190 mg/kg (rabbit)

**12. Ecological Information****Ecotoxicity**

EC50 1.4 ppm Daphnia magna

**Persistence/Degradability**

No additional remarks.

**Other adverse effects**

No additional remarks

**13. Disposal Considerations****Waste treatment methods**

<b>Waste Disposal Method</b>	Dispose of in accordance with federal, state and local regulations.
<b>Contaminated packaging</b>	Do not reuse empty containers.

**14. Transport Information****DOT**

<b>UN-No</b>	Not regulated
<b>Proper shipping name</b>	Not regulated
<b>Hazard Class</b>	Not regulated
<b>Packing group</b>	Not regulated
<b>Labels</b>	Not regulated
<b>Description</b>	Not regulated

**TDG**

<b>UN-No</b>	Not regulated
<b>Proper shipping name</b>	Not regulated
<b>Hazard Class</b>	Not regulated
<b>Packing group</b>	Not regulated
<b>Labels</b>	Not regulated
<b>Description</b>	Not regulated

**IMDG/IMO**

<b>UN-No</b>	Not regulated
<b>Proper shipping name</b>	Not regulated

<b>Hazard Class</b>	Not regulated
<b>Packing group</b>	Not regulated
<b>Labels</b>	Not regulated
<b>Description</b>	Not regulated

**ADR/RID**

<b>UN-No</b>	Not regulated
<b>Proper shipping name</b>	Not regulated
<b>Hazard Class</b>	Not regulated
<b>Packing group</b>	Not regulated
<b>ADR/RID-Labels</b>	Not regulated
<b>Description</b>	Not regulated

**IATA**

<b>UN-No</b>	Not regulated
<b>Proper shipping name</b>	Not regulated
<b>Hazard Class</b>	Not regulated
<b>Labels</b>	Not regulated
<b>Packing group</b>	Not regulated
<b>Description</b>	Not regulated

PG\* : Packing group

**15. Regulatory information**
**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

<b>Acute health hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**U.S. Regulations & Inventories****California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

No regulatory requirements found. All components of this product are either listed on the TSCA inventory or are exempt from listing requirements.

**U.S. EPA Label information**

EPA Pesticide registration number Not applicable

**16. Other information**

<b>NFPA</b>	<b>HEALTH</b> 2	<b>Flammability</b> 1	<b>Instability</b> 0	<b>Physical hazard</b> -
<b>HMIS</b>	<b>HEALTH</b> 2	<b>Flammability</b> 1	<b>Physical Hazards</b> 0	<b>Personal Protection</b> -

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**Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

**End of SDS**